

- (3) Paid-in capital;
- (4) Retained earnings; and
- (5) Reserve for loan and guarantee losses.

b. Inclusion of the reserve account in regulatory capital is an important difference compared to minimum capital as defined by the statute. Therefore, the calculation of reserves in the stress test is also important because reserves are reduced by loan and guarantee losses. The reserve account is linked to the income statement through the provision for loan-loss expense (provision). Provision expense reflects the amount of current income necessary to rebuild the reserve account to acceptable levels after loan losses reduce the account or as a result of increases in the level of risky mortgage positions, both on- and off-balance sheet. Provision reversals represent reductions in the reserve levels due to reduced risk of loan losses or loan volume of risky mortgage positions. The liabilities section of the “Balance Sheets” worksheet also includes separate line items to disaggregate the Guarantee and commitment obligation related to the Financial Accounting Standards Board Interpretation No. 45 (FIN 45) Guarantor’s Accounting and Disclosure Requirements for Guarantees, Including Indirect Guarantees of Indebtedness of Others. This item is disaggregated to permit accurate calculation of regulatory capital post-adoption of FIN 45. When calculating the stress test, the reserve is maintained at zero to result in a risk-based capital requirement that includes reserves, thereby making the requirement comparable to the statutory definition of regulatory capital. By setting the reserve requirement to zero, the capital position includes all financial resources Farmer Mac has at its disposal to withstand risk.

5.1 Method of Calculation

a. Risk-based capital is calculated in the stress test as the minimum initial capital that would permit Farmer Mac to remain solvent for the ensuing 10 years. To this amount, an additional 30 percent is added to account for managerial and operational risks not reflected in the specific components of the stress test.

b. The relationship between the solvency constraint (*i.e.*, future capital position not less than zero) and the risk-based capital requirement reflects the appropriate earnings and funding cost rates that may vary through time based on initial conditions. Therefore, the minimum capital at a future point in time cannot be directly used to determine the risk-based capital requirement. To calculate the risk-based capital requirement, the stress test includes a section to solve for the minimum initial capital value that results in a minimum capital level over the 10 years of zero at the point in time that it would actually occur. In solving for initial capital, it is assumed that reductions or ad-

ditions to the initial capital accounts are made in the retained earnings accounts, and balanced in the debt accounts at terms proportionate to initial balances (same relative proportion of long- and short-term debt at existing initial rates). Because the initial capital position affects the earnings, and hence capital positions and appropriate discount rates through time, the initial and future capital are simultaneously determined and must be solved iteratively. The resulting minimum initial capital from the stress test is then reported on the “Capital” worksheet of the stress test. The “Capital” worksheet includes an element that uses Excel’s “solver” or “goal seek” capability to calculate the minimum initial capital that, when added (subtracted) from initial capital and replaced with debt, results in a minimum capital balance over the following 10 years of zero.

[71 FR 77253, Dec. 26, 2006, as amended at 73 FR 31940, June 5, 2008]

PARTS 653–654 [RESERVED]

PART 655—FEDERAL AGRICULTURAL MORTGAGE CORPORATION DISCLOSURE AND REPORTING REQUIREMENTS

Subpart A—Annual Report of Condition of the Federal Agricultural Mortgage Corporation

Sec.

655.1 Content, timing, and providing of the Federal Agricultural Mortgage Corporation’s annual report of condition.

Subpart B—Reports Relating to Securities Activities of the Federal Agricultural Mortgage Corporation

655.50 Form and content.

AUTHORITY: Sec. 8.11 of the Farm Credit Act (12 U.S.C. 2279aa–11).

Subpart A—Annual Report of Condition of the Federal Agricultural Mortgage Corporation

§ 655.1 Content, timing, and providing of the Federal Agricultural Mortgage Corporation’s annual report of condition.

(a) The Federal Agricultural Mortgage Corporation shall prepare and publish an annual report of its condition that is equivalent in content to